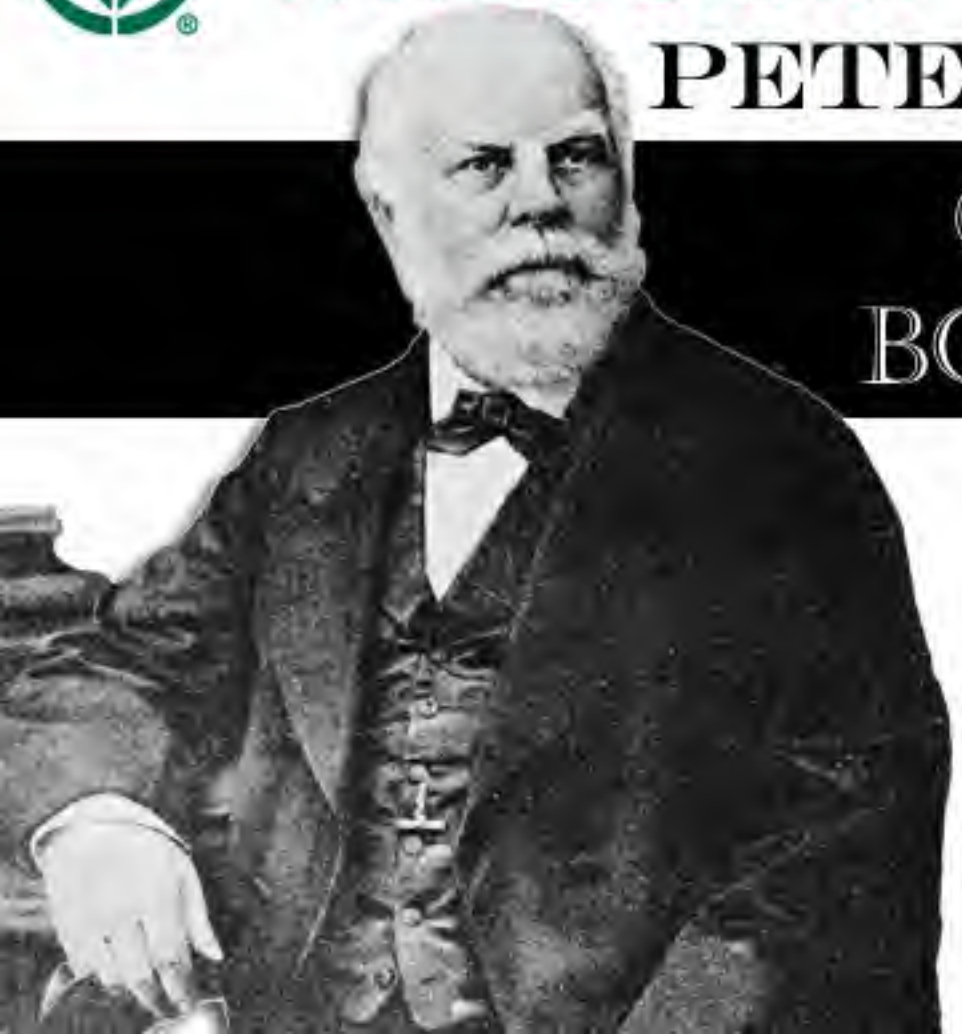
Missouri Botanical Garden
Peter H. Raven Library

George Engelmann Botanical Notebooks



Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

1871

Hf. Whipples Jour. Hights of the Pedregal, Santa Clara
Williams River & Sierra Nevada Mts. Bigelow. Camp
near pass, Bigelow Co. 1, alt 8000
Mtns east of San Joaquin Valley 1850. Leaf
Santa Barbara. " 1865 Leaves

Lower Geyser at mouth of Diamond River, just below
mouth of Little Colorado, North fork of Colorado River
no specimens seen.

8866
MISSOURI BOTANICAL GARDEN
HENRY ENGELMANN PAPERS

ges on One Case

n S. P. Sensenig &

to D.r G. Engelmann

use of dried Pla

of Messrs S. P. Sense

Remitta

se . . . . .

use Entry, Brokerag

Charges —

rder charges . .

to Customhouse .

, Express Co .

spettics . .

surance on $ 100.

0 1 2 3 4 5 6 7 8 9 10 cm
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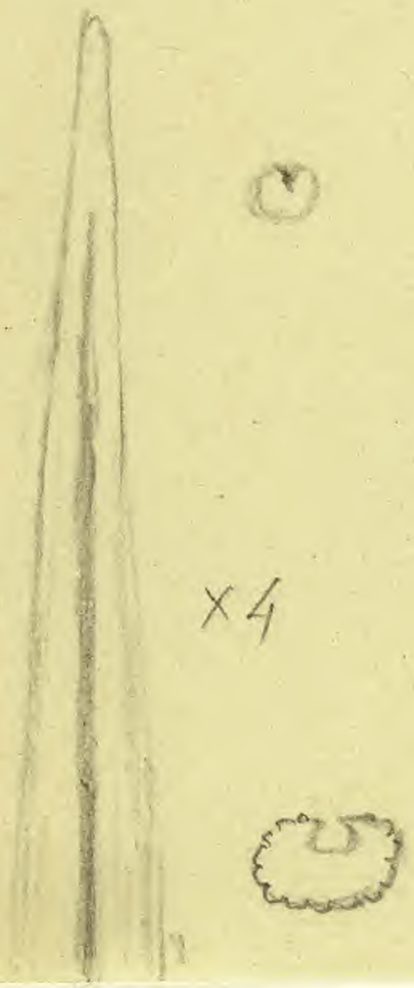
MISSOURI BOTANICAL GARDEN

Yucca whipplei March 24 1871

Williams River, S. Bigelow & Hubby
Jones

original specimen —

edge of leaf ×6u



×4

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ALEX. LETCH,

APOTHECARY & PHARMACEUTIST,

Marble Building Cor. Fourth & Olive Sts. St. Louis, Mo.

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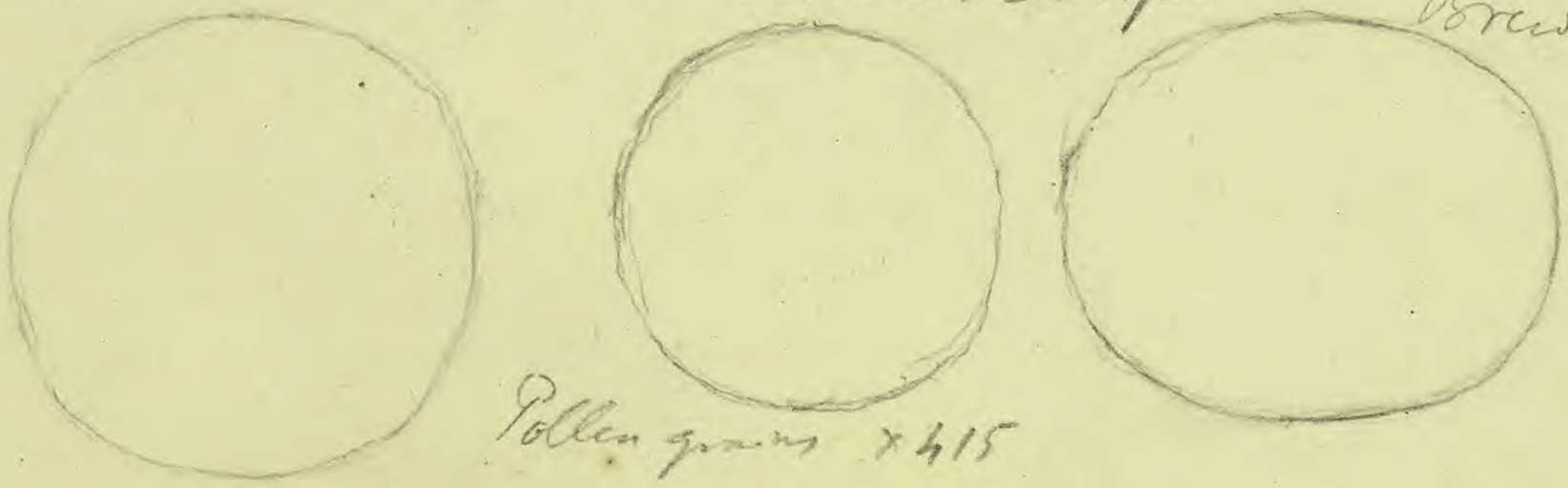
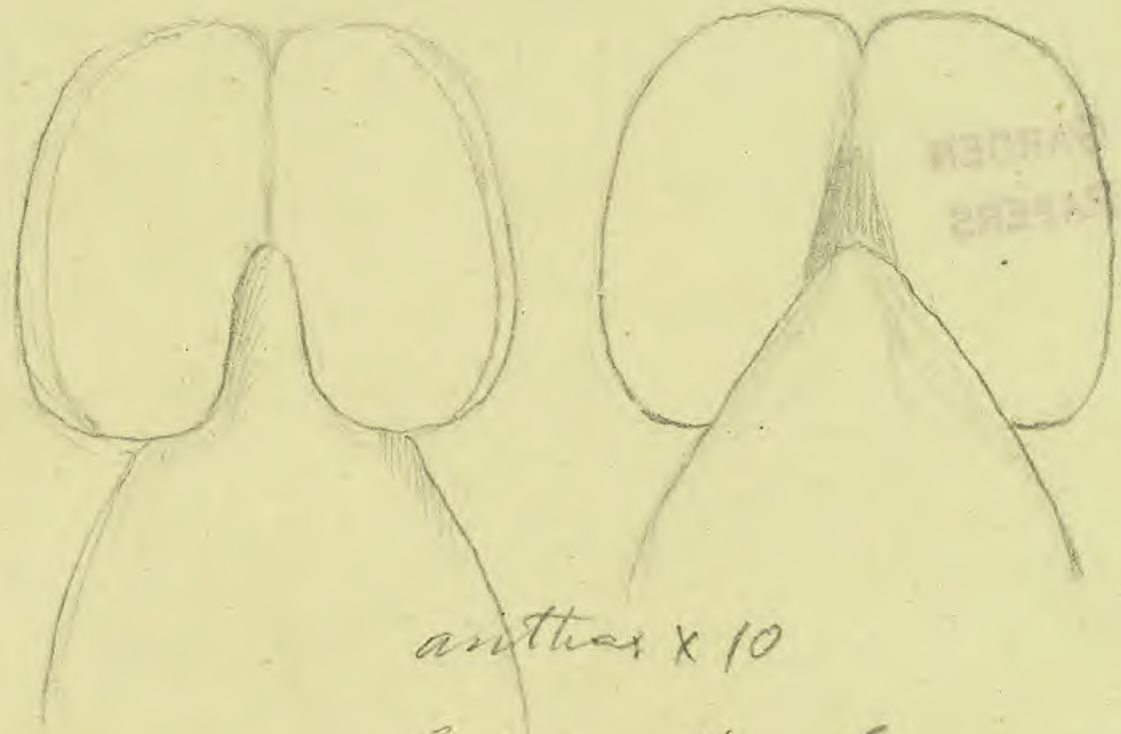
454 G. Whipplei San Luis Obispo June 6 1871

Brewer

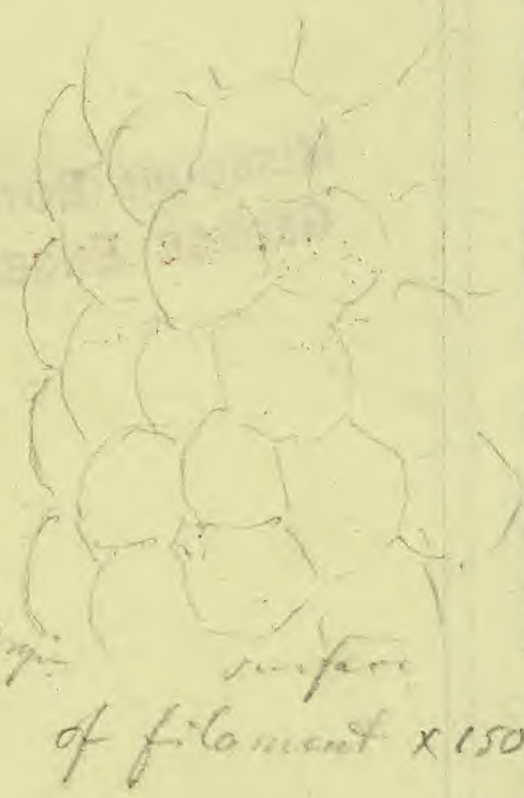


Pollen grains ×415



anthers ×10

Broader Than Long



marg. surface

of filament ×150

filaments not papillose nor recurved

PELICH & CORTIE'S
Agricultural Warehouse
Corner of Main and Market Streets
Stockton, Cal.

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LEITCH & CORLIES,

DRUGGISTS,

South-West Corner of Fifth and Market Streets.

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Yucca Whipplei

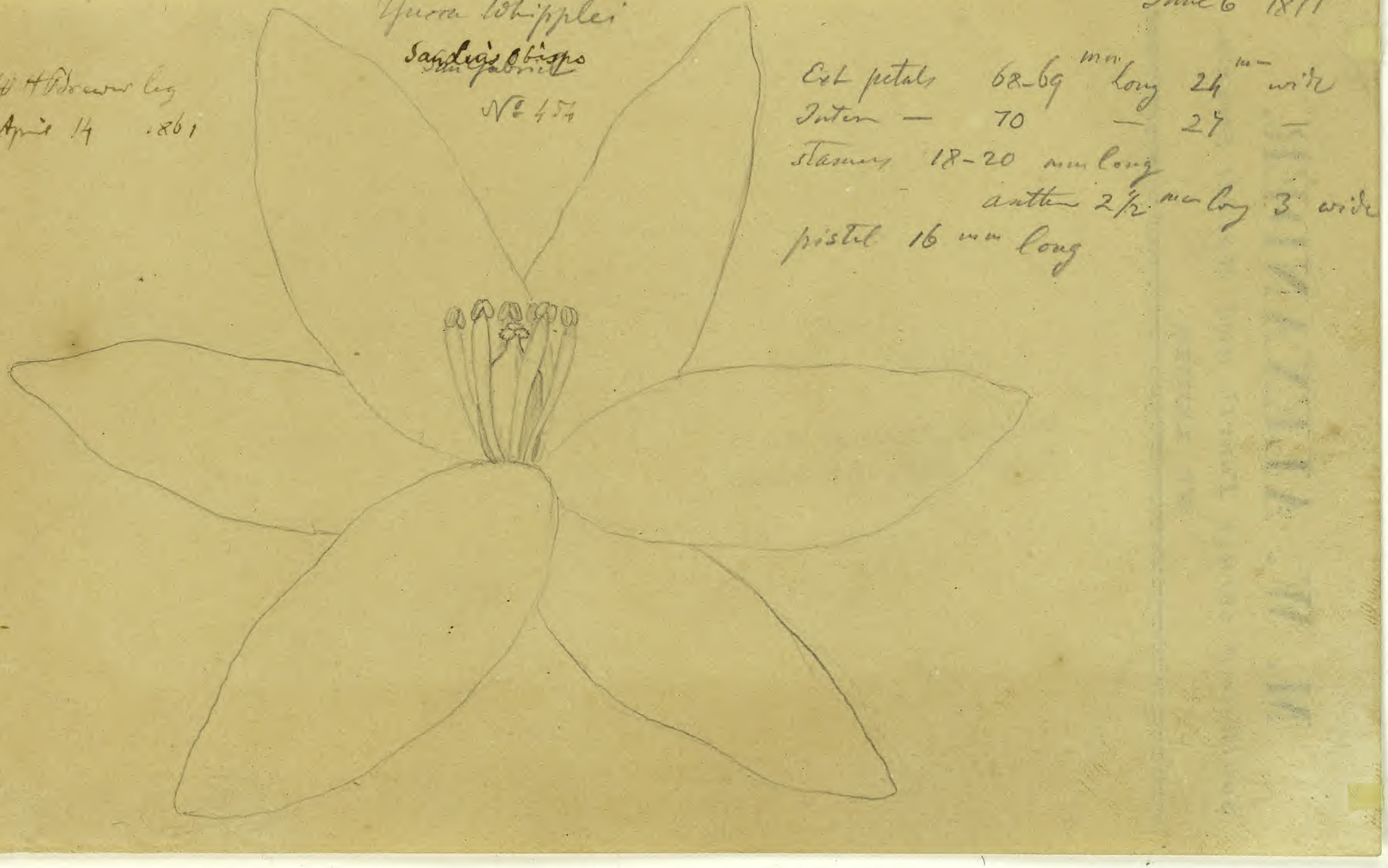
Sandy ridge Obispo
San Fabrito

Nº 457

June 6 1871

W H Brewer Esq
April 14 1861

Ext petals 62-69 mm long 24 mm wide
Inter — 70 — 27 —
stamens 18-20 mm long
anther 2½ mm long 3 wide
pistil 16 mm long



M. W. ALEXANDER,

South-east corner Fourth and Market Streets,

ST. LOUIS.

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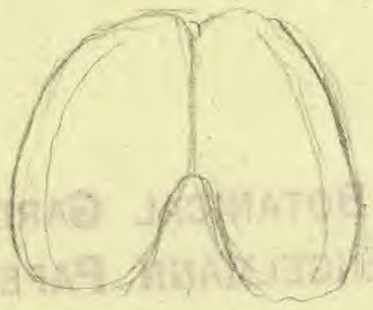
Yucca Whipplei

June 10 1871

Dr J. G. Cooper

" 5 feet, white, sand
summit of Cajon Pass
June 3 1869; leaves linear
2 feet long

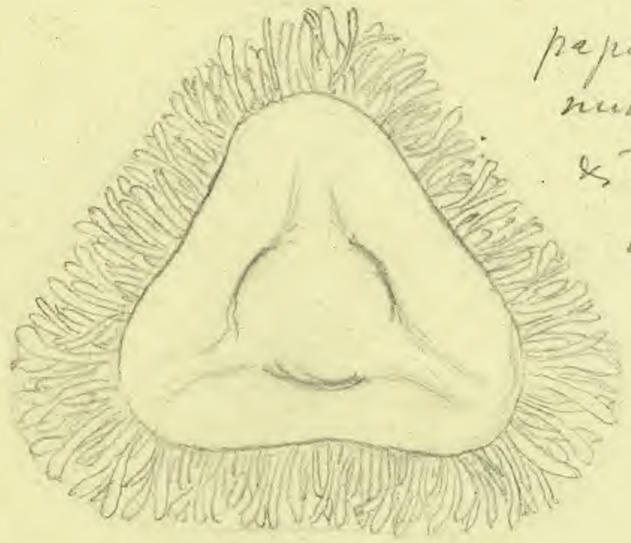


x 10

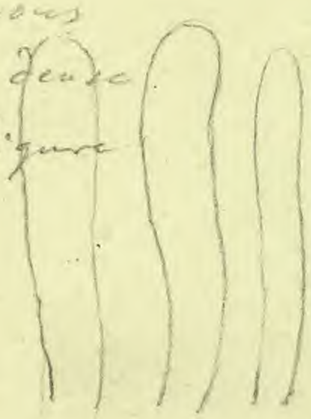
f. Cauline
Smooth

x 5

papillae too numerous & too dense in figure



under side of stigma x 10



papillae x 30
1-celled

Pollen grain

x 415

Opposite Upright Floret

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GEORGE ENGELMANN HERBARIUM
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L. O. WOODRUFF,

Druggist,

Cor. Sixth St. & Washington Ave,

Opposite Lindell Hotel,

ST. LOUIS, MO.

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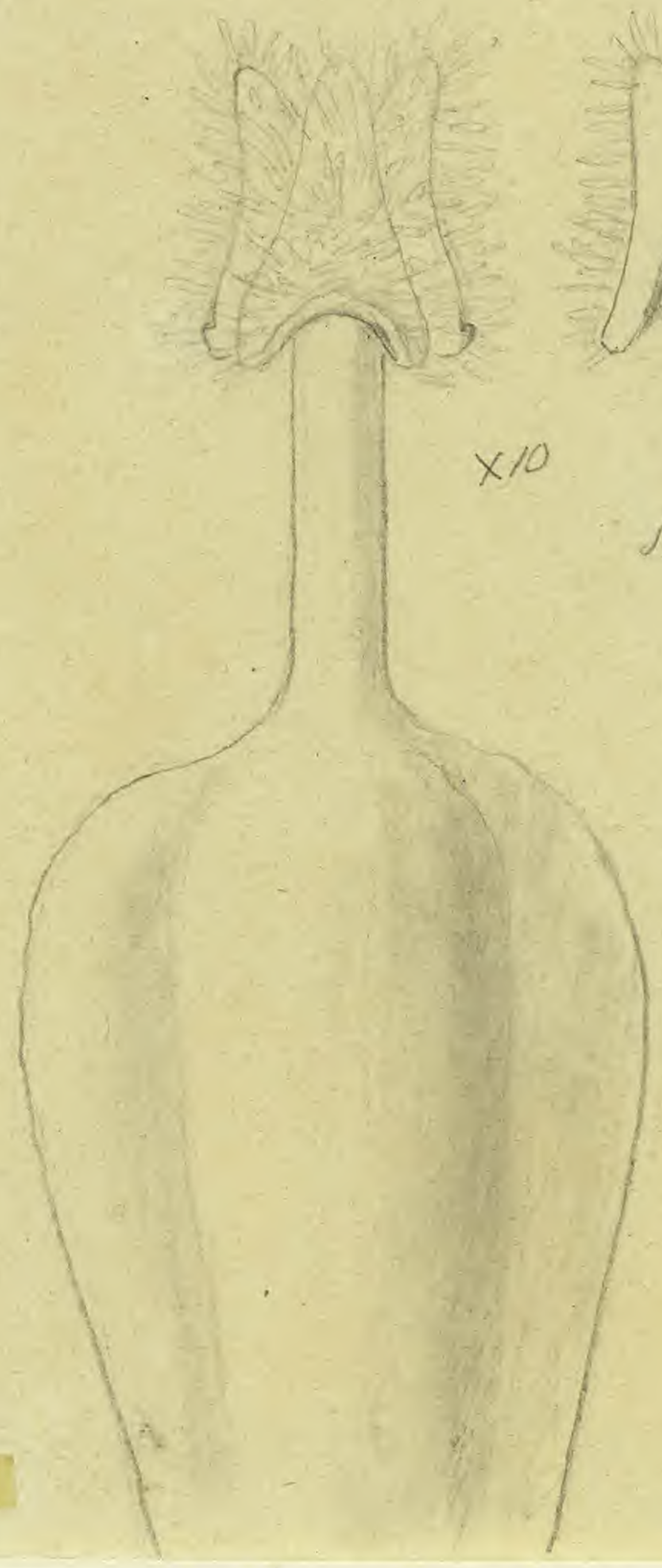
Yucca Whipplei

June 11 1871

Santa Barbara

Peckham



X10

Section

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Leitch & Corlies

DRUGGISTS

South West Corner Fifth and Market Streets

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Y Whipplei

v. Nutt Torrey

San Pasqual Schott Coop
Wm Cooper Rubens Bryelows
Miles East of San Diego Coop
Santa Barbara Torrey
Mouth of Diamond River Fres Exp

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cm 0 1 2 3 4 5 6 7 8 9 10

Inland Insurance # 100.- only agst total loss	1.50	6.75
Forwarding Commission		1.
	#	27.90

E. O. E.

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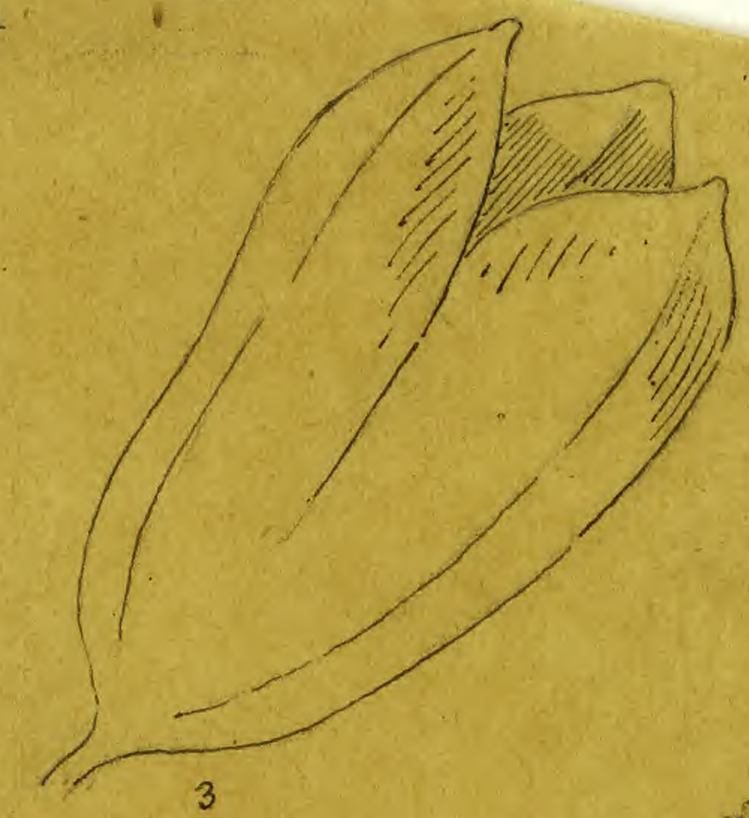
8813

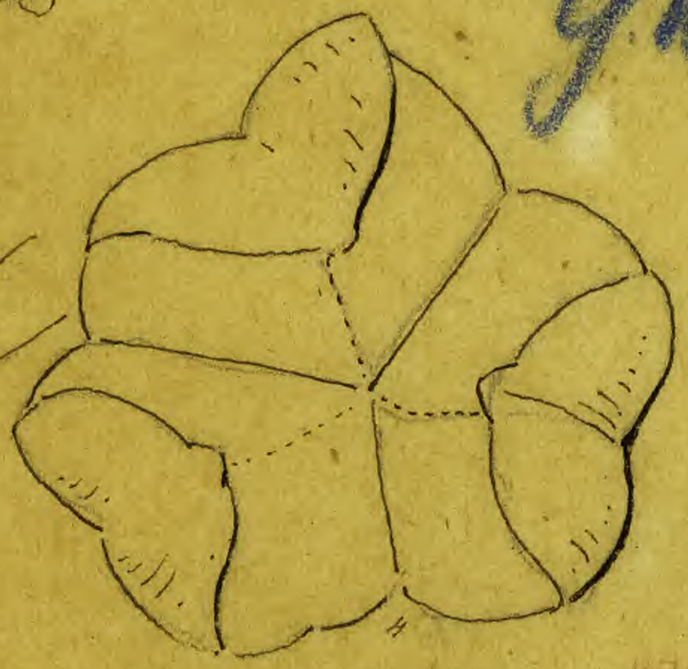


3

2

A. Schott. fec.

1



4

Doubtful Species of
Yucca from
San Pascual, Cal.

See Text

No 6

Yuccaphila

1. Whole plant
2. Section of leaf with rough edge.
3. Dry capsula
4. The same from above open.
5. One of the upper capsules probably imperfectly developed.

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Y. Cross-foliá

= Hook Torr.

on the Mohave & Colorado

"whole forests"

on sandy plains, Fremont Apr 1 1844

(see Report p. 256–258

Deserts east of the Sierra Nevada, towards

the Mohave 34° 30 — 35° Lat.

8874

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Y. arkansana ?

Yucca Whipplei Torr. = Bot Boundy p. 222 — Y. aloefolia ?
Bot Whipp. p. 147. "15 ft"
Bot Ives Rep. p. 29. —

Bot Boundy p. 222: caudex 1–2 feet high, leaves 1½ foot slightly serrulate; capsule cuneate-ovoid 1½ inch long, as wide; leaves flat, thin.

Dr Bigelow (Nov 1862) supposes this the same which he found at Cahon Pass and which after flowering dies like an Agave down to the subterranean caudex.

See Schott's notes & sketch No 6 — same as Y. reptivola Schuh ?

Yucca Whipplei ? Verbal mem. of Dr E Palmer Nov 1870:
near St George, Utah, and at Union — Pass, in sandy soil —
acaulis, humilis, scapus parcula 2–3 pedalis folia vix excedens
a Dasylirion ?

= Hc Torr

Hights of San Pasqual South California: "stem 1–2 feet creeping among granit Rocks" scape 2–3 feet (notes diff Schott = Hc Torr — leaves falcate 15–18 inch thick on back

Parry, Mountains near San Diego, "leaves radical" "fruit short oval" Parry = sched., only a part of a stricted leaf.

Mountain sides Santa Barbara County, Torr by 1865 — Stratus Canon only 12–15 inches by
& Newberry Rocks at mouth of Diamond Ria = Colorado
Ives Exped. Sept 3. 1858

Parry and others speak of it as stemless, Schott gives it a short trunk

8875

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Shall send to Meyerbeck - to be replaced

S. Wilson Flora of Utah & Nevada

1871

Yucca

L. 2 filaments for stamen

straight or slightly curved subtype

var S. elata.

~~Hesperoloe~~

plants : in the bud slightly geniculate-

Agave

add : Embryo as in Yucca

— at apex end of general dorsal

flowers protogynous : the style

attains its full length and the stigma

its full development only after the

others have ~~had their pollen~~

opened.

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[The following letter from Mr. C. E. VAN GOOR, the celebrated Florist, of Harlem, was received too late for insertion in the INDEX; hence we send it out in this form.]

Harlem, Holland, June 24, 1878.

Mr. L. B. Case, Richmond, Ind.

Dear Sir:—Your letter just at hand. Would say that Hyacinths are not well grown; just as they were last year—the pure white ones are generally bad. The reason therefor is that they have been injured by a bad dew, and storms have broken their leaves while they were growing.

Tulips and Crocus as good as usual. Narcissus very good.

Anemones and Ranunculus promise well, but are not yet taken out of the ground.

Hoping these few lines may be of some use to you, I remain, dear sir,

Yours, truly,

C. E. VAN GOOR.

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